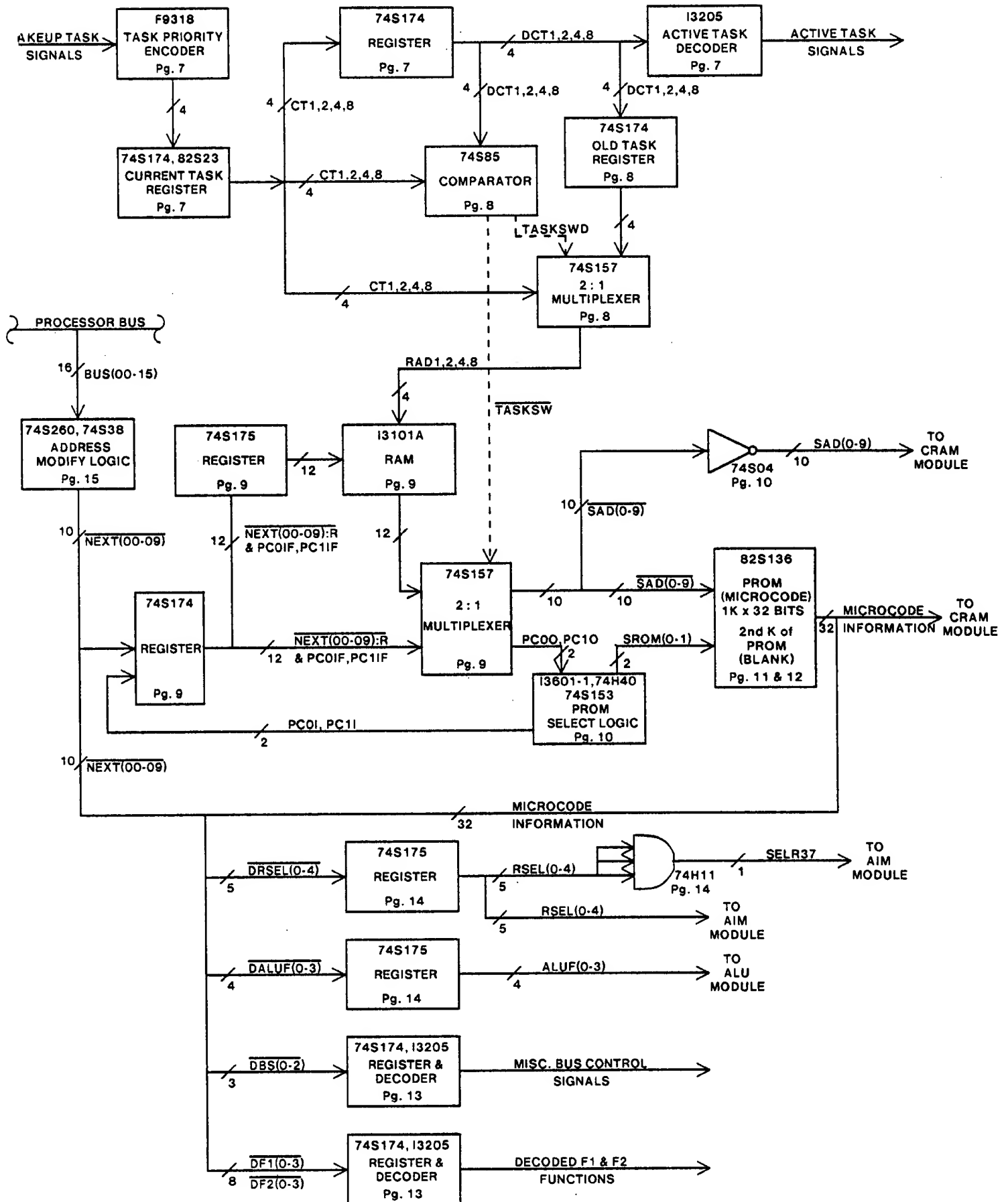
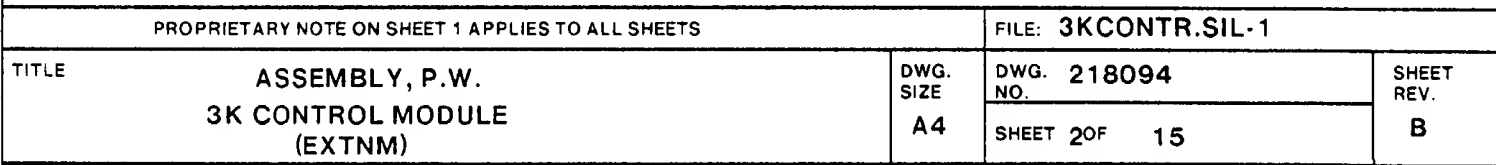


EXTENDED MEMORY 3K CONTROL MODULE





NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE PER ALTO II MODULE ASSY. SPEC. DWG NO. 216207

2

PROGRAMMING THE PROMS:

- A. PROGRAM THE PROMS BEFORE IT IS INSERTED INTO THE MODULE.
- B. LABEL EACH PROM AS DEFINED AS SHOWN BELOW USING AVERY SELF-ADHESIVE (1/16X1/2) LABEL. STICK THE LABEL ON THE TOP OF THE PROM(IC).
- C. PROGRAM THE FOLLOWING PROMS:

PROM LABEL	LOCATION	FILE NAME	FILE LOCATION
0/S	U55	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
4/S	U64	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
8/S	U65	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
12/S	U63	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
16/S	U53	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
20/S	U60	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
24/S	U61	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
28/S	U62	DOALTOIIM.CM	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
CTR	U51	CTR.MB	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
C03	U3	C03A.MB	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM
3KSW	U38	SWMODE3K.MB	[ISIS]<SPGDOCS>PROMS>3KCONTR.DM

* @DOALTOIIM.CMS A COMMAND FILE WHICH IS USED WITH THE PNEW.RUN AND ALTOIICODE3XM.MB PROGRAM. IT IDENTIFIES THE PROM TYPE AUTOMATICALLY AND LOADS THE PROMS 0/S THRU 28/S SEQUENTIALLY. THE PROGRAM WILL LOAD 0/S FIRST THAN 4/S,8/S AND 28/S.

D. ADDITIONAL PROGRAM REQUIREMENT:

- a. PNEW.RUN.....<ISIS>SPGDOCS>PNEW.RUN
- b. ALTOIICODE3XM.MB.....FILE LOCATION [ISIS]<ALTO>ALTOIICODE3XM.MB

E. HARD WARE REQUIREMENTS:

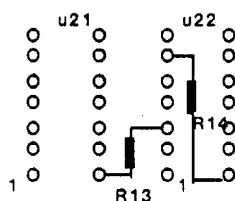
- a. PROLOG PROGRAMMER.....<ISIS>SPGDOCS>PROLOG.PRESS
- b. 82S23, 82126, AND 82S136 PERSONALITY CARD.

3

REWORK INSTRUCTIONS FOR REVISION A BOARD ONLY.

- A. ADD RESISTOR R12, 330 OHMS 1/4W .
- B. ADD RESISTOR R13 (330 OHMS 1/4W) ACROSS U22-14 TO U22-6
- C. ADD RESISTOR R14 (220 OHMS 1/4W) ACROSS U22-3 TO U21-14.

CIRCUIT SIDE
CIRCUIT SIDE



CIRCUIT SIDE

PROPRIETARY NOTE ON SHEET 1 APPLIES TO ALL SHEETS

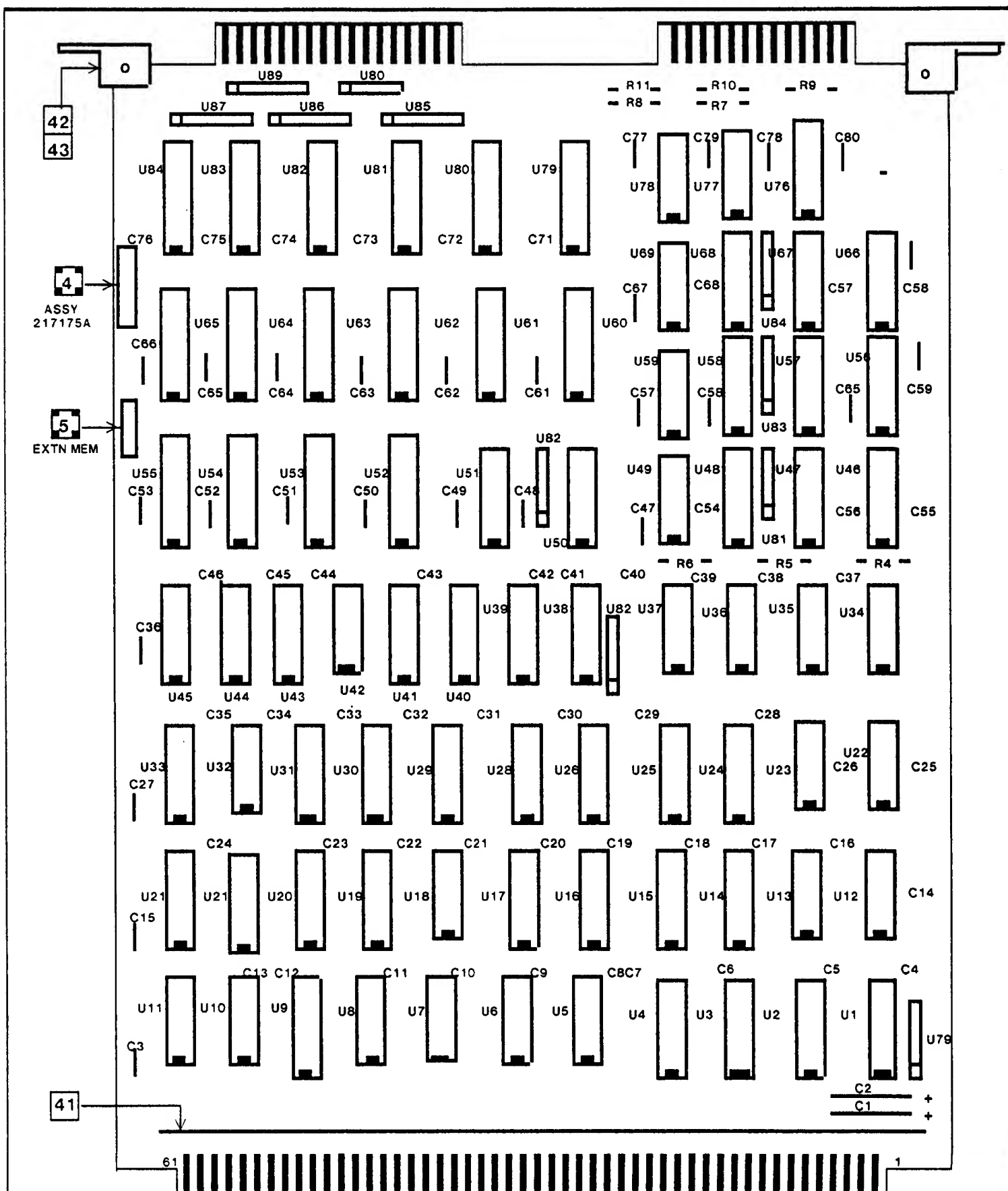
FILE: 3KCONTR.SIL-10

TITLE
ASSEMBLY, P.W.
3K CONTROL MODULE

DWG.
SIZE
A4

DWG. 218094
NO.
SHEET 3 OF 15

SHEET
REV.
B



PROPRIETARY NOTE ON SHEET 1 APPLIES TO ALL SHEETS

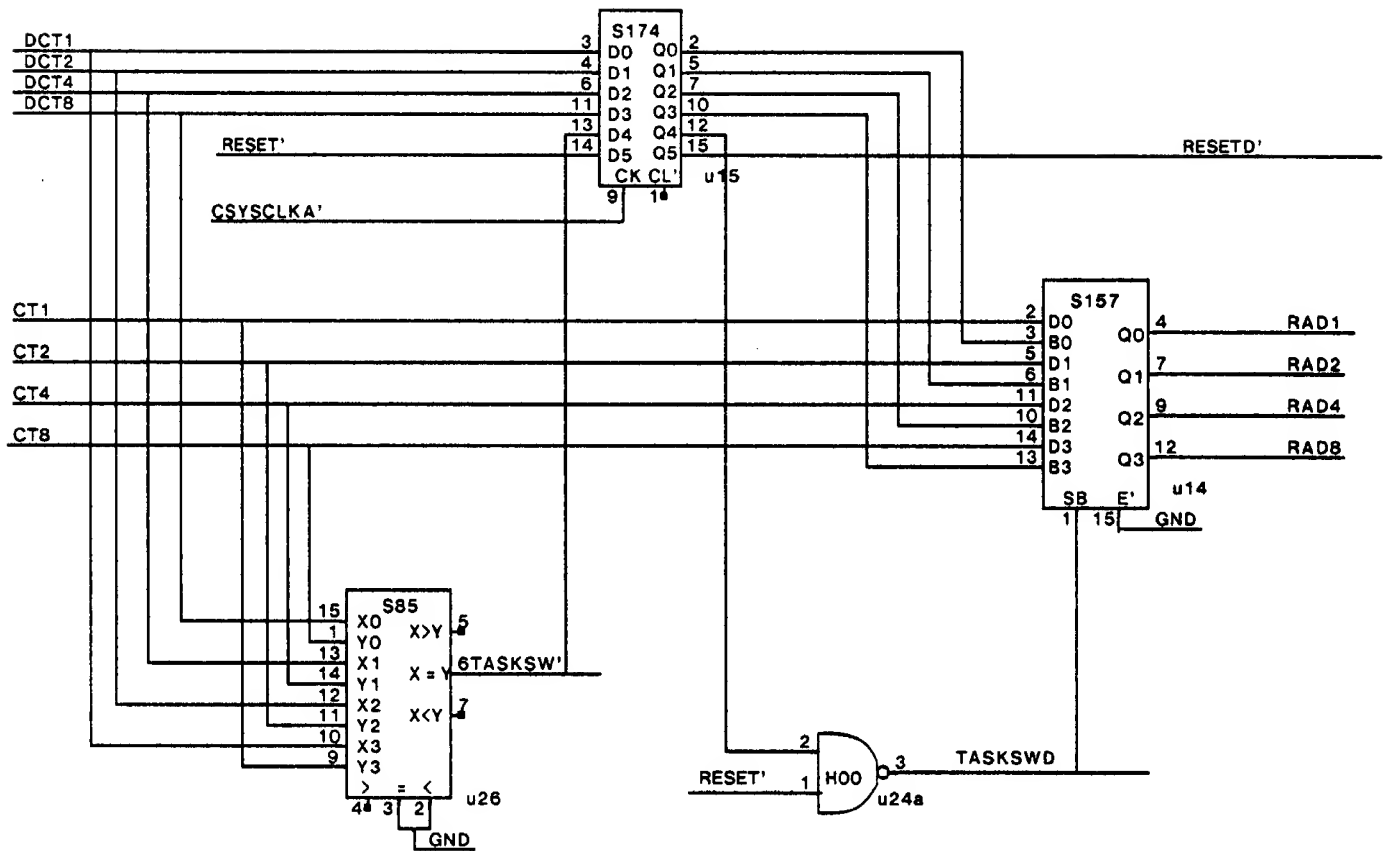
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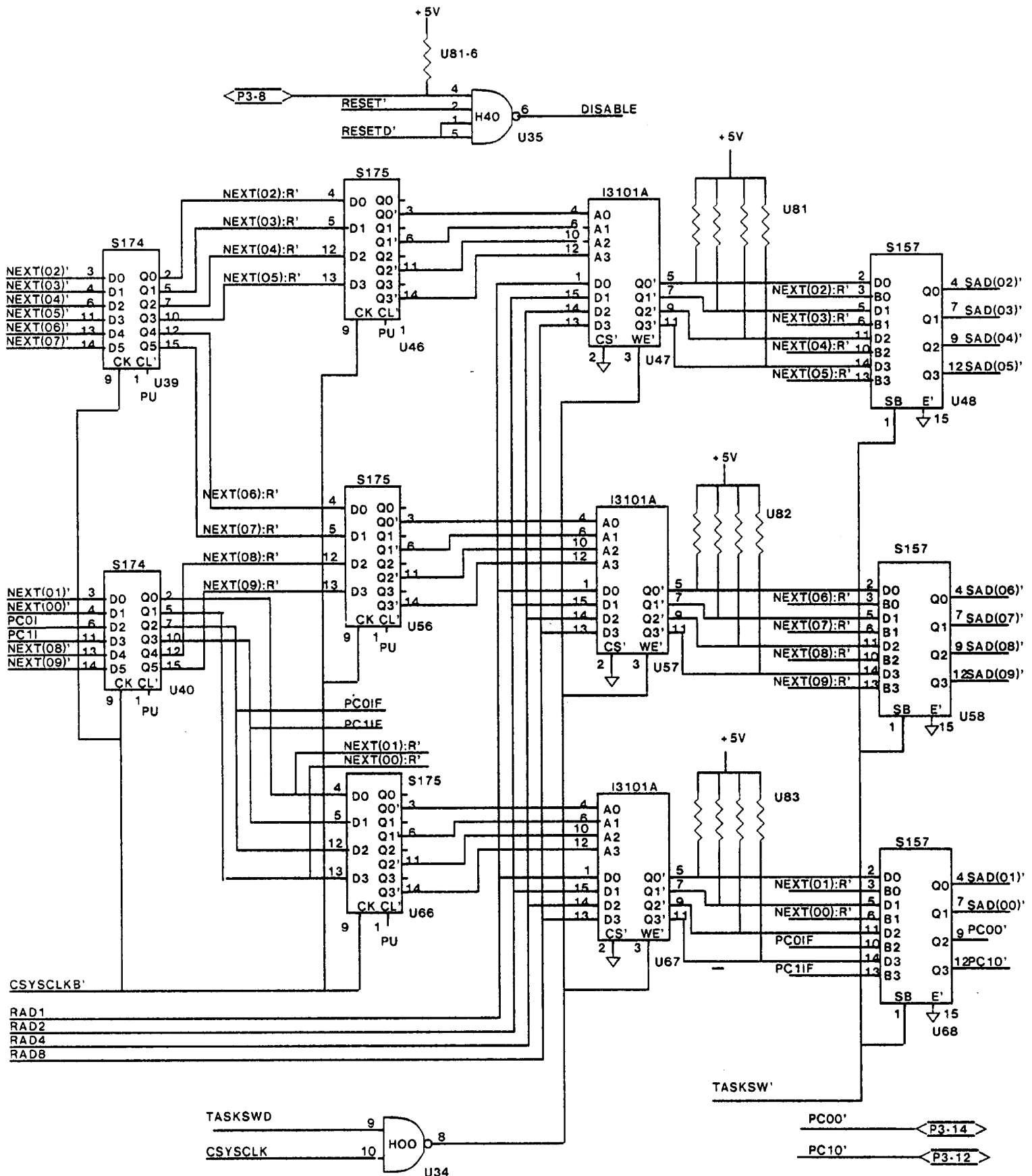
TITLE
ASSEMBLY, P.W.
3K CONTROL MODULE

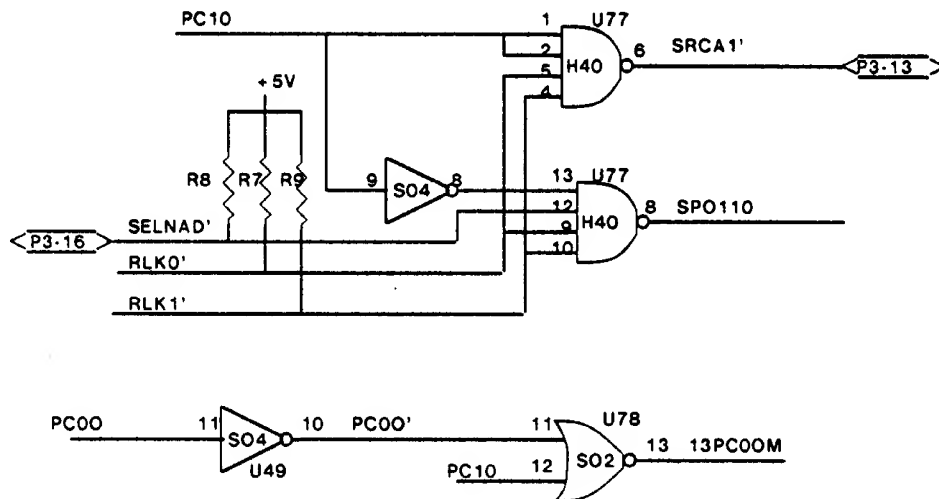
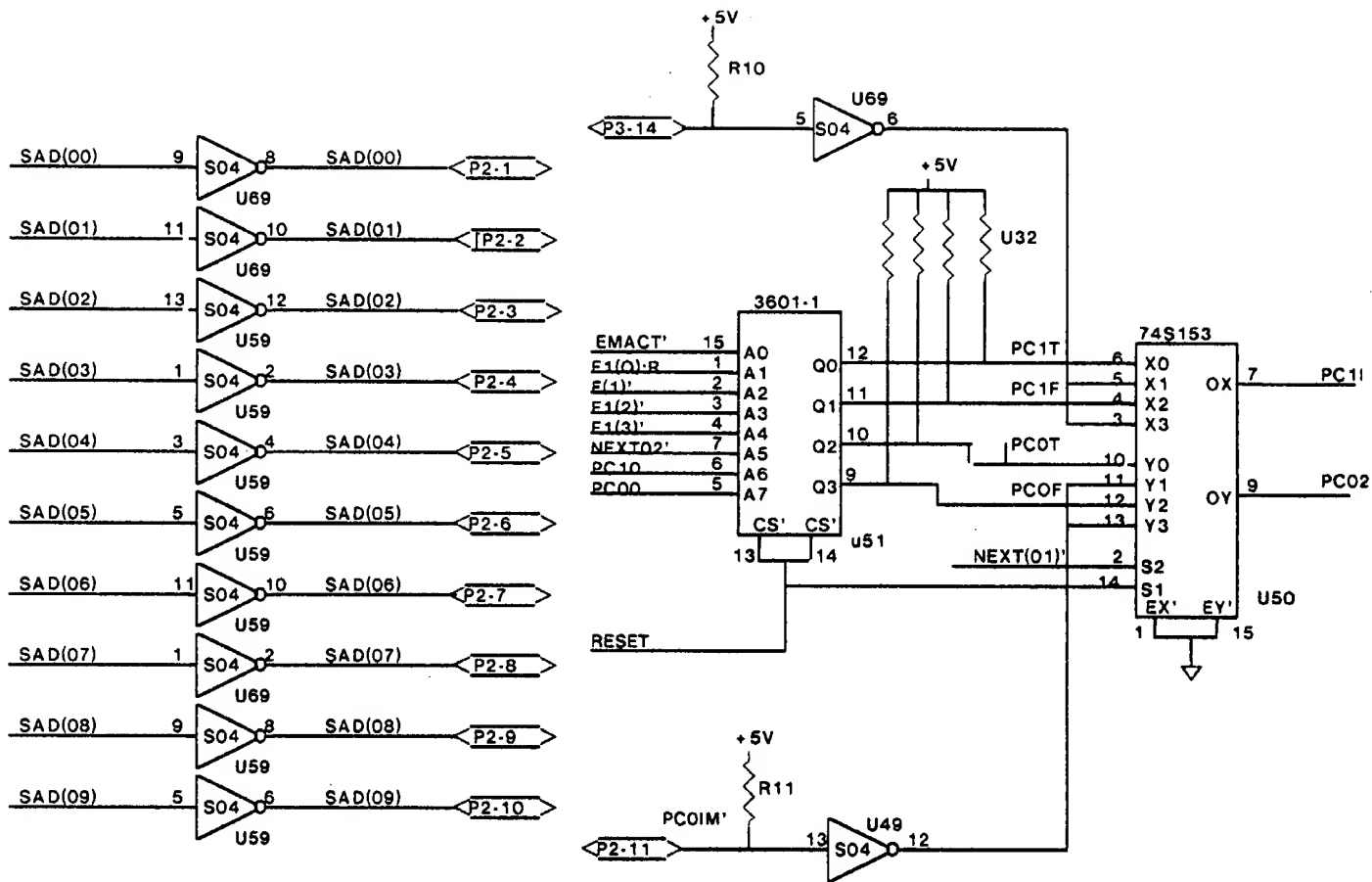
DWG.
SIZE
A4

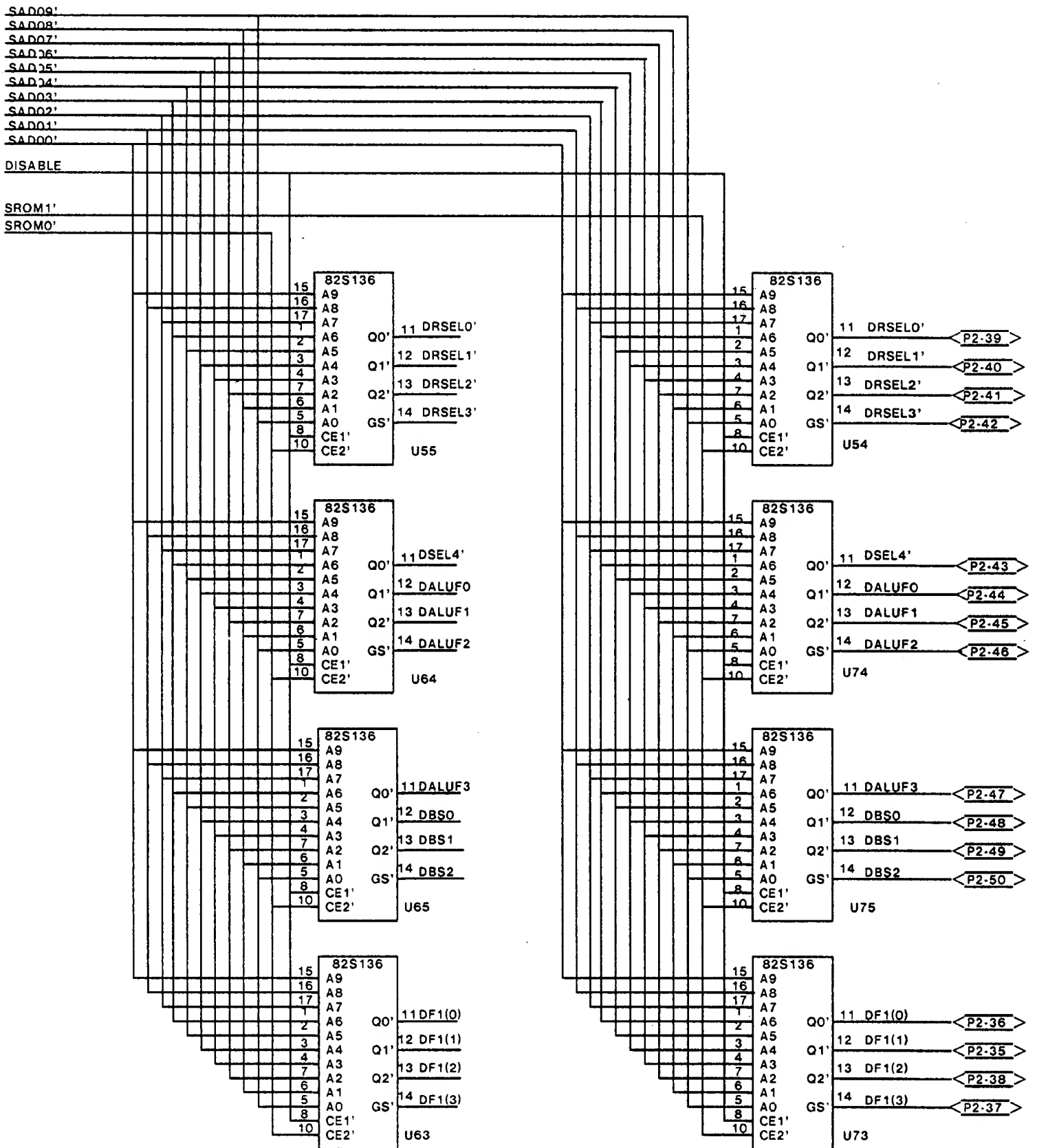
DWG.
NO. 218094
SHEET 4 OF 15

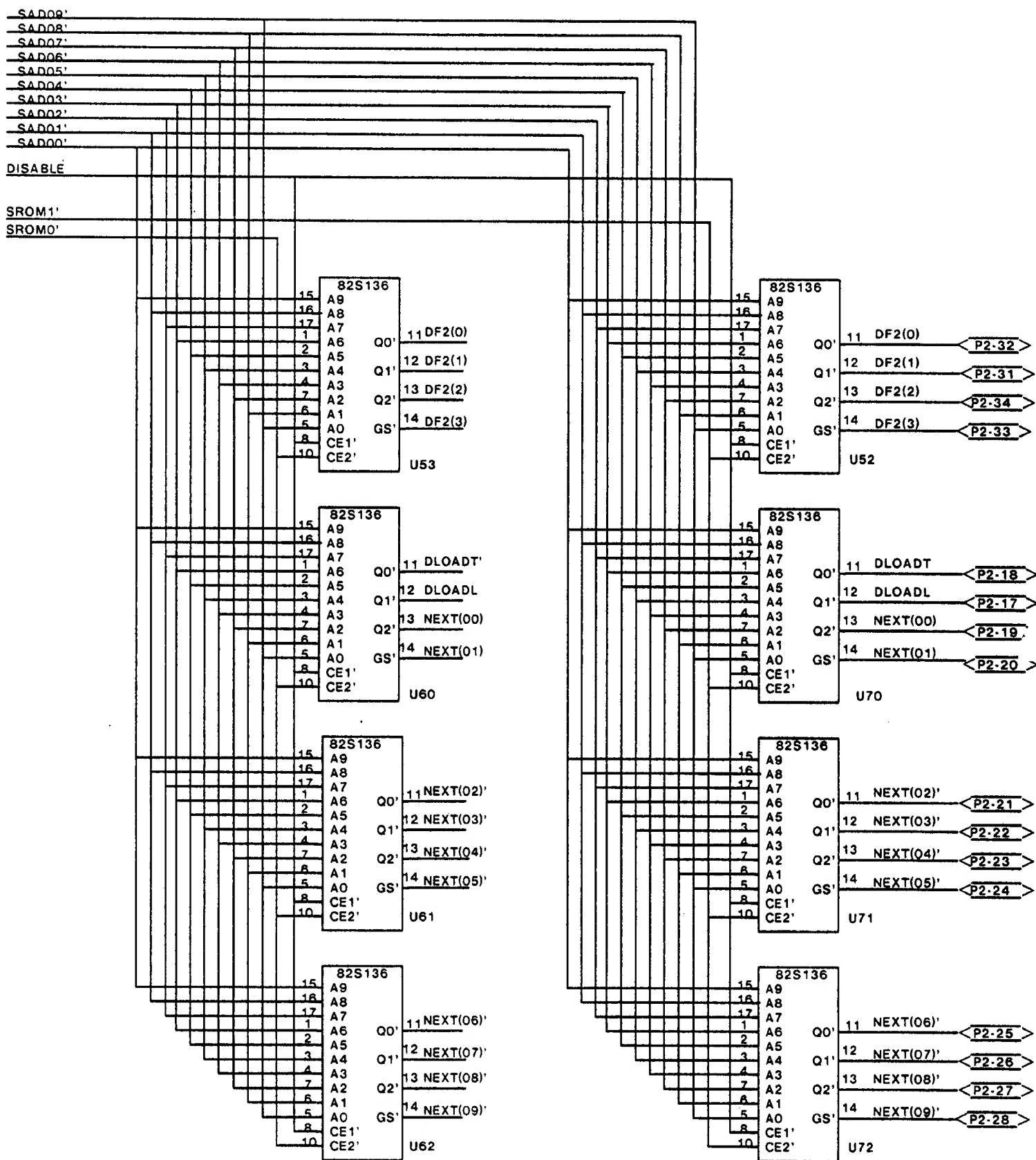
SHEET
REV.
B

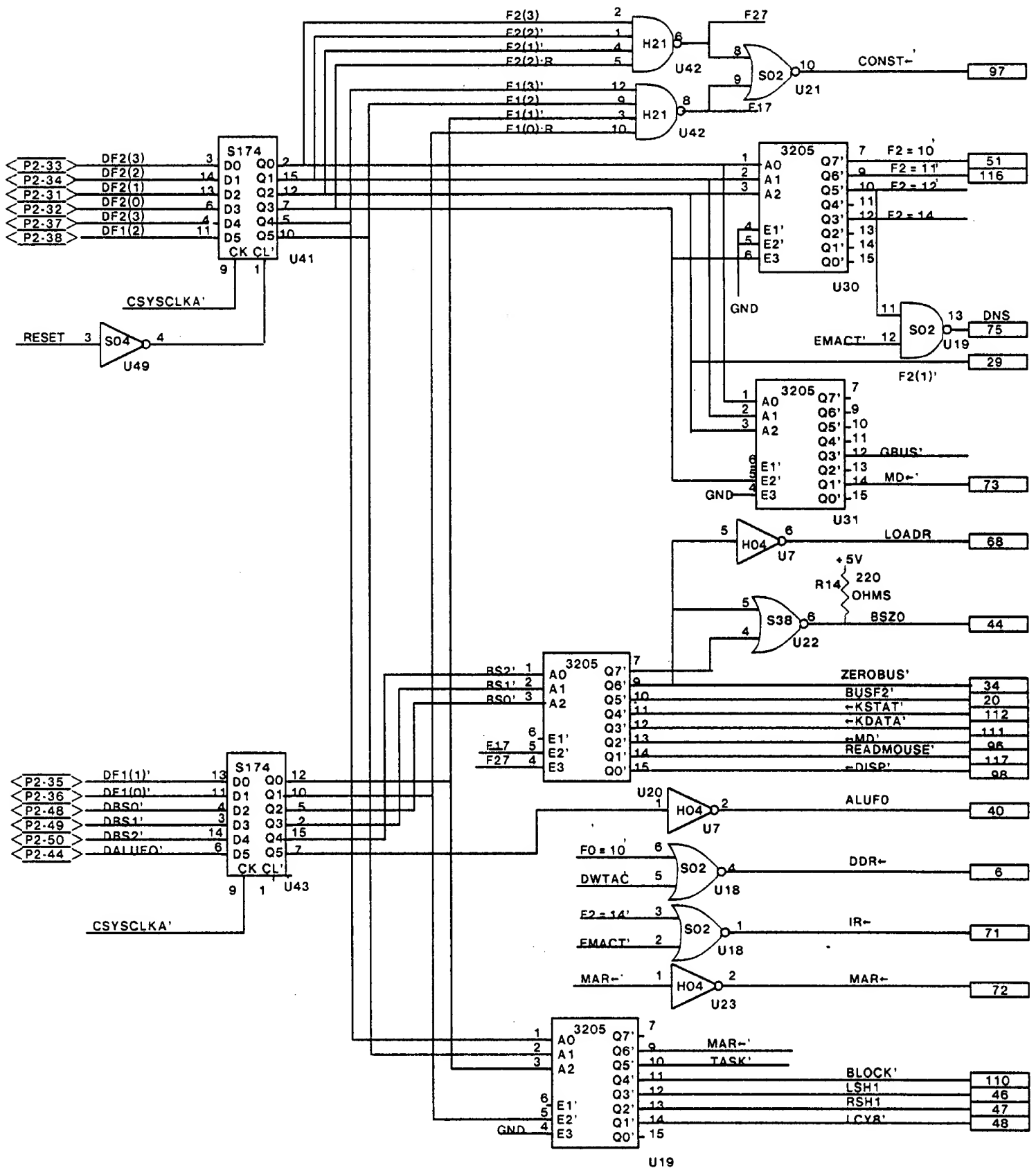


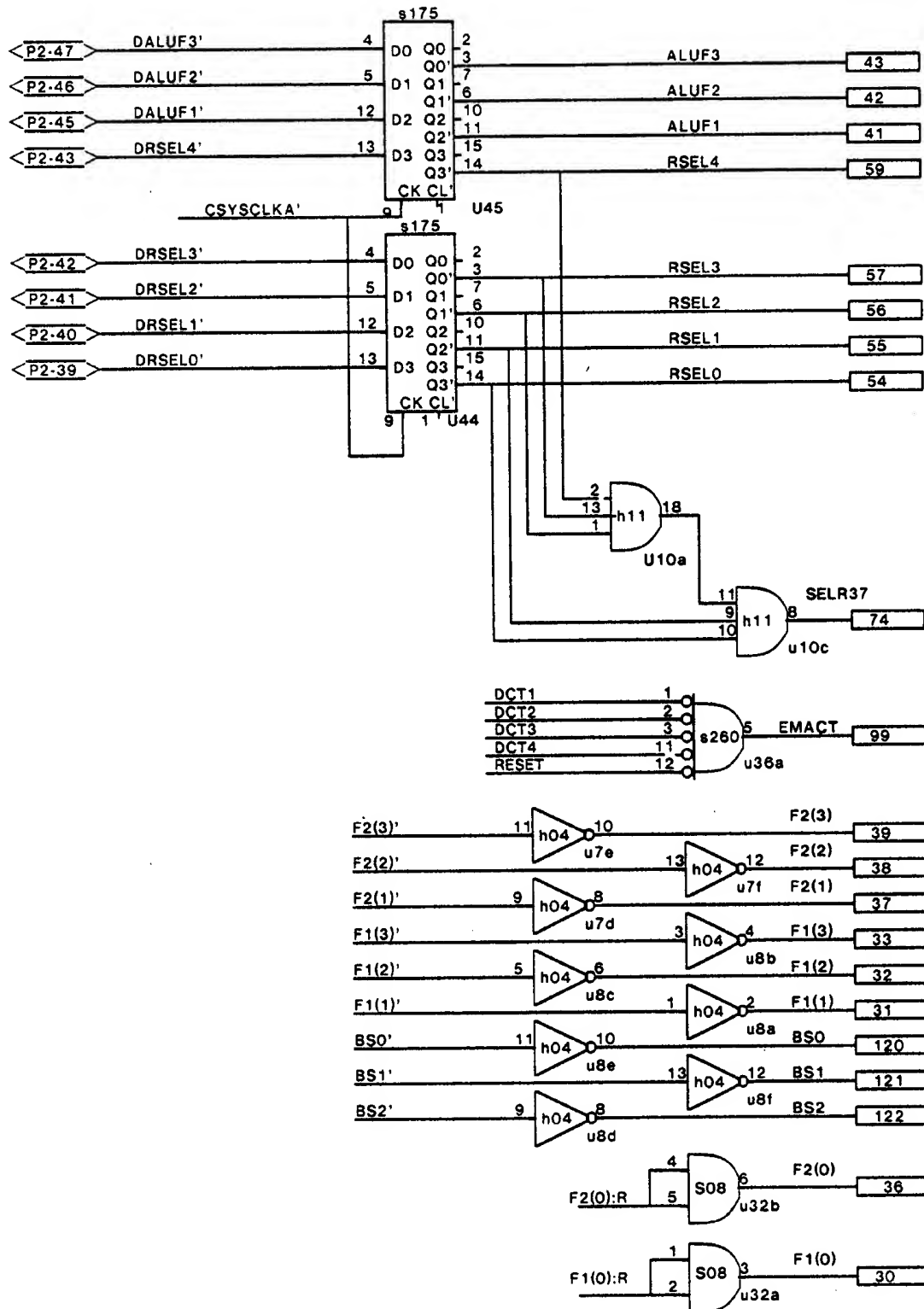


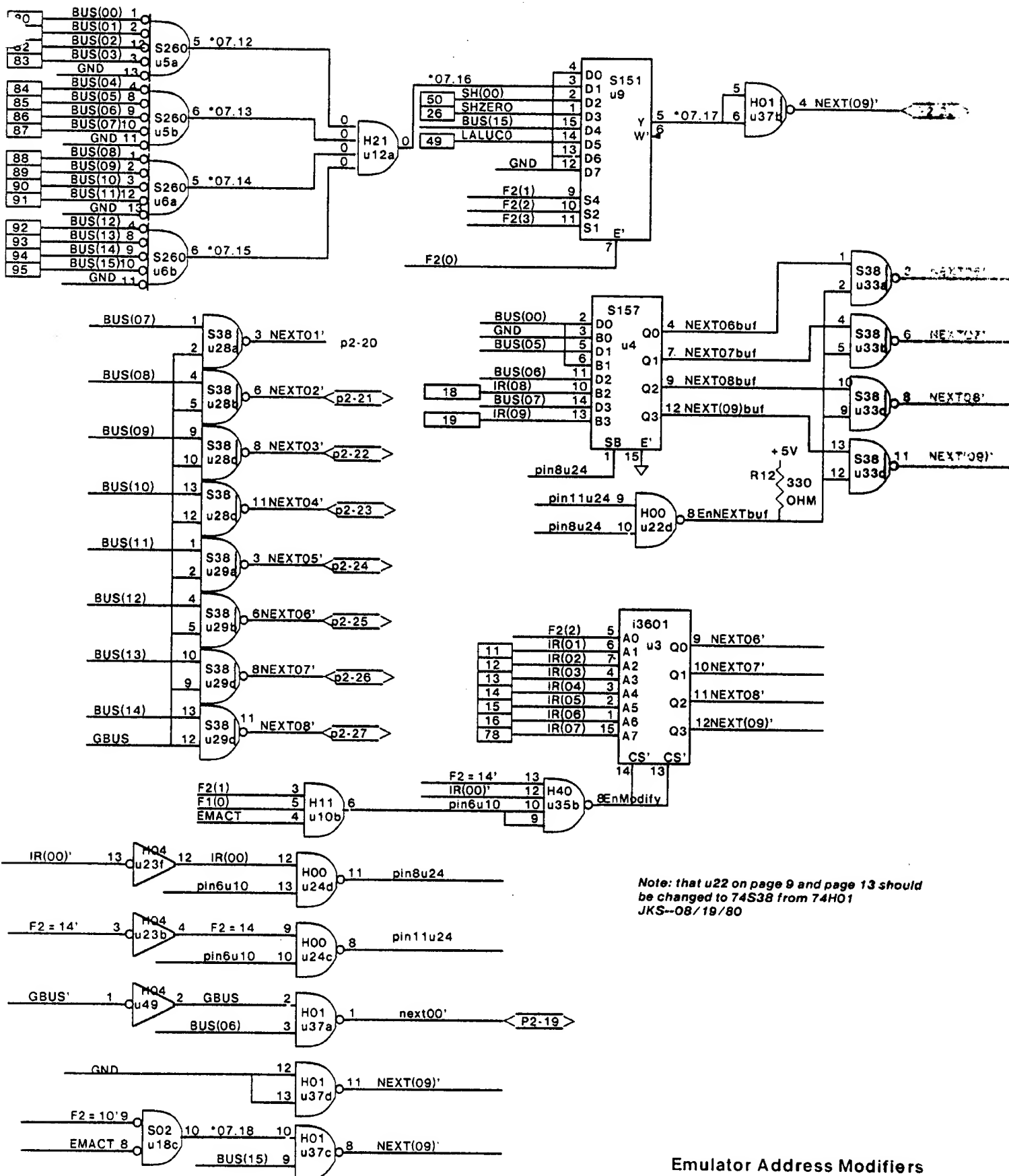












Emulator Address Modifiers